

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-578 REV. F OR EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-578 REV. 1 OR EARLIER
REF. TCCA STC: SH93-4
REF. FAA STC: SR00028NY
REF. FAA STC: SR00029NY
REF. EASA STC: EASA.I.M.R.S.01389
REF. ARGENTINA STC: CTS-0508.13(A)

The D350-578-031 Wearplate kit can be installed on D350-578-011/-021 Bearpaw installations. The D3859-041 Wearplates should be installed on the D2432F or D2672F Bearpaws as shown in Figure 1 on Sheet 2 of this Service Instruction. The Bearpaws should otherwise be installed on the skidtube per installation instructions D350-578 Rev F or earlier.

Customers with old style bearpaws will need to rework the counterbore on the bottom of the bearpaws per Figure 1 on Sheet 2 of this service instruction.

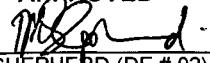
WEIGHT AND BALANCE

| Installation | Weight | Lateral | | Longitudinal | |
|-------------------------------|--------------------|-----------------|-----------------------|--------------------|--------------------------|
| | | Arm | Moment | Arm | Moment |
| D350-578-031 Wearplate Kit | 3.00 lb 1.36 kg | 0.0 in 0.0 m | 0.0 in-lb 0.0 m-kg | 157.0 in 3.99 m | 471.0 in-lb 5.43 m-kg |

PARTS LIST

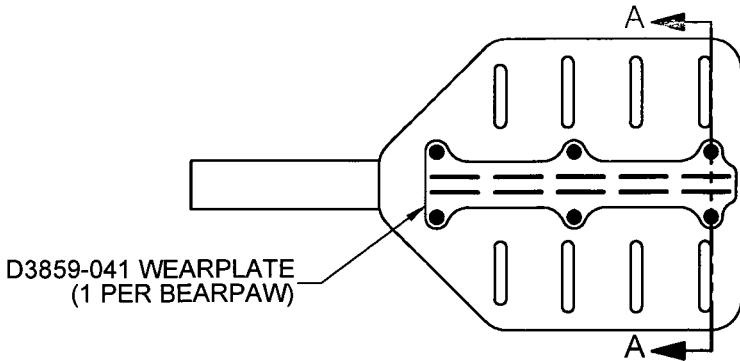
| QTY. -031 | PART NUMBER | DESCRIPTION |
|--------------|---------------|--------------------|
| X | D350-578-031 | Wearplate Kit |
| 2 | D3859-041 | Wearplate |
| 12 | AN4-17A | Bolt |
| 12 | NAS1149D0463J | Washer |
| 12 | MS21042L4 | Nut or (MS21042-4) |

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

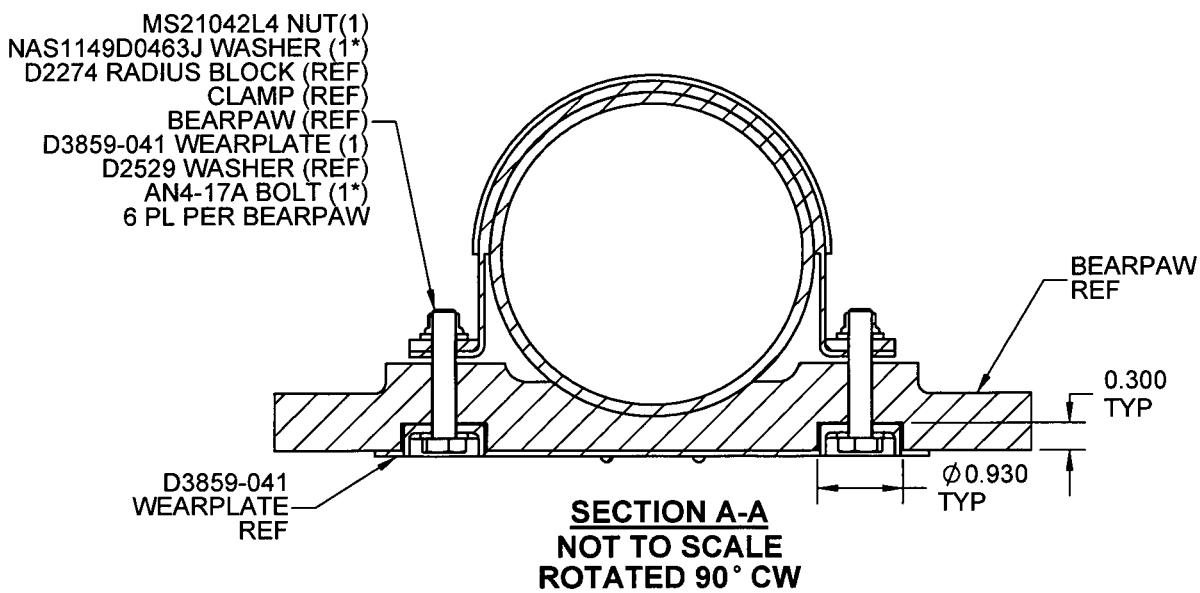
APPROVED

BY: D. SHEPHERD (DE # 02)

DATE: 09.01.15
CERT. NO.: SH93-4
ISSUE NO.: 7

| | | | |
|------------|---|--|--------------|
| A | NEW ISSUE | | 09.01.15 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN |  | DART AEROSPACE LTD | |
| DRAWN |  | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED |  | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9429 | SHEET 1 OF 2 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | WEARPLATE KIT | NTS |
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BOTTOM VIEW



* ADDITIONAL NAS1149D0463J WASHERS MAY BE INSTALLED UNDER NUTS TO ENSURE 1.5 - 4 THREADS IN SAFETY ON BOLTS. ALTHOUGH NOT GENERALLY NECESSARY, IT IS ALSO ACCEPTABLE TO REPLACE THE AN4-17A BOLTS WITH LONGER OR SHORTER AN4 BOLTS, IF REQUIRED.

FIGURE 1: D350-578-031 WEARPLATE KIT

| | |
|--|-------------------------|
| CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01 | |
| APPROVED BY: D. SHEPHERD (DE # 02) | |
| DATE: CERT. NO.: ISSUE NO.: | 09.01.15 SH93-4 7 |

| DESIGN | DRAWN | DART AEROSPACE LTD | |
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| CHECKED | MFG. APPR. | HAWKESBURY, ONTARIO, CANADA | |
| APPROVED | DE APPR. | DRAWING NO. DSI 9429 | |
| DATE | | TITLE | SCALE |
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